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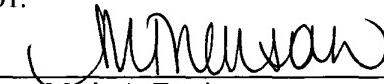
ATTORNEY'S DOCKET NO: E0355/7003 (ERG/MAT)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paula M. Vertino
Serial No: 09/691,763
Filed: October 18, 2000
For: TSM1 COMPOSITIONS AND METHODS FOR USE
Examiner: Jeanine A. Enewold Goldberg
Art Unit: 1655

#151P
Plunkett
7/28/01

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The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on July 20, 2001.


Maria A. Trevisan

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT (SECOND)

Please add the following new claims:

110. (NEW) The method of claim 1, wherein the level of methylation is determined using a technique selected from the group consisting of methylation sensitive restriction analysis, methylation specific polymerase chain reaction (MSP), sequencing of bisulfite modified DNA, methylation-sensitive single nucleotide primer extension (Ms-SNuPE), and combined bisulfite restriction analysis (COBRA).

111. (NEW) The method of claim 1, wherein the biological sample is breast tissue.

112. (NEW) The method of claim 1, wherein the control comprises a normal tissue from a normal subject.

113. (NEW) The method of claim 47, wherein the level of methylation is determined using a technique selected from the group consisting of methylation sensitive restriction analysis, methylation specific polymerase chain reaction (MSP), sequencing of bisulfite modified DNA, methylation-sensitive single nucleotide primer extension (Ms-SNuPE), and combined bisulfite restriction analysis (COBRA).

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